

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-8 (Canceled)

9. (New) A packaging system for causing articles to fall downward along a predetermined falling route and filling said articles into a tubular film thereby producing packaged products, comprising:

sealing means operating on said falling route after an interval from a time when the articles fall down, for sealing an end of said film in a direction orthogonal to a transfer direction of said film;

a bite detecting means for detecting the presence or absence of articles being bit into the sealed portion; and

a controller comprising:

determination means for determining whether a state of a flow of the articles on said falling route is normal or abnormal, based on the presence or absence of articles being bit into the sealed portion; and

change means for changing the interval according to the state of the flow of the articles determined by said determination means, wherein

a system feedback controls the interval based on a signal indicating the state of the flow inputted from said determination means.

10. (New) A packaging system according to claim 9, further comprising:

a timing storage for storing the interval according to a type of either said articles or a product, wherein the interval may be updated.

11. (New) A packaging system according to claim 10, further comprising:
an auxiliary device operating on said falling route after a second interval
from a time when the articles fall down; thereby facilitating or improving a flow of
the articles; and
a weight checker for weighing the packaged product;
wherein said change means changes the intervals for operating the sealing
means and the auxiliary device; and
wherein said system feedback controls so as to adjust the auxiliary device
operation timing when defects in a weight of the packaged product measured by the
weight checker are not improved even by adjusting the sealing timing of the sealing
means.